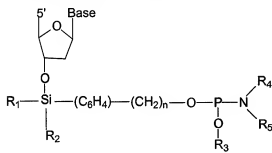


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings, of claims in the present application:

Listing of Claims:

1. (Currently Amended) 3'-end nucleoside unit comprising phosphoramidite that is a compound represented by the following formula:



wherein [[(N)]]

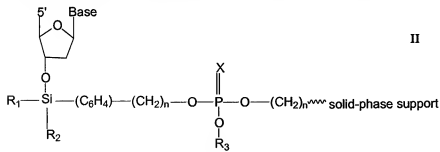



of formula I represents ~~any~~ nucleoside or its derivative, ~~-O-(R1)Si(R2)-(C6H4)-(CH2)n-O-P(OR3)N(R4)(R5)~~ is attached at the 3' position of a sugar of the nucleoside, each of R1, R2, R4 and R5 is an alkyl or aryl group, R3 is a [[phosphate-]]protecting group, and n is an integer of from 1 to 5.

2. (Original) The compound according to Claim 1 wherein R1 and R2 are an alkyl group having 1 to 5 carbon atoms.
3. (Original) The compound according to Claim 1 wherein the aryl group of R1 and R2 has a substituent of alkyl, nitro, cyano, halogeno or methoxy group.

4. **(Currently Amended)** The compound according to any one of Claims 1 to 3 wherein the [[phosphate-]] protecting group is 2-cyanoethyl, 4-nitrophenylethyl, N-(trifluoroacetyl)aminobutyl, or 4-[N-methyl-N-(2,2,2-trifluoroacetyl)amino]butyl group.
5. **(Currently Amended)** The compound according to Claim 4 wherein the [[phosphate-]] protecting group is 2-cyanoethyl.
6. **(Previously Presented)** The compound according to Claim 1 wherein R4 and R5 are an alkyl having 1 to 4 carbon atoms, benzyl, phenyl, or naphthyl group.
7. **(Original)** The compound according to Claim 6 wherein R4 and R5 are an isopropyl group.
8. **(Currently amended)** The compound according to Claim 1 wherein [[a]] the benzene ring structure (-C₆H₄-) of formula I has a substituent.
9. **(Previously Presented)** The compound according to Claim 8 wherein the substituent of the benzene ring structure is selected from the group consisting of alkyl having 1 to 4 carbon atoms, halogeno, nitro, cyano and methoxy groups.
10. **(Currently Amended)** The compound according to Claim 1, which ~~is~~ has the structure 5'-[O-(4,4'-dimethoxytrityl)], 3'-O-[4-O-(2-cyanoethyl N,N-diisopropyl phosphoramidite) benzyl-diisopropylsilyl]thymidine.
11. **(Currently Amended)** The compound according to Claim 1, which ~~is~~ has the structure 5'-[O-(4,4'-dimethoxytrityl)], 3'-O-[4-O-(2-cyanoethyl N,N-diisopropyl phosphoramidite) benzyl-diisopropylsilyl]2'-deoxyadenosine.

12. **(Currently Amended)** A solid-phase support having ~~the~~ a 3'-end nucleoside unit according to claim 1 introduced thereon, wherein the 3'-end nucleoside unit is attached to the solid-phase support as represented by the following formula:



wherein  of formula II represents a nucleoside or its derivative, -O-(R1)Si(R2)-(C6H4)-(CH2)n-O-P(OR3)XO)-(CH2)n is attached at the 3' position of a sugar of the nucleoside, each of R1 and R2 is an alkyl or aryl group, R3 is a protecting group, X is S or O, and each n is an integer of from 1 to 5.

13. **(Original)** The solid-phase support according to Claim 12 having the 3'-end nucleoside unit at a ratio of 20-30 $\mu\text{mol/g}$.

14. **(Currently Amended)** The solid-phase support according to Claim 12, which is a highly cross-linked polystyrene (HCP)HCP solid-phase support.

15. **(Currently Amended)** A method for the synthesis of a nucleic acid oligomer comprising synthesizing a nucleic acid oligomer on~~with the use of~~ the solid-phase support according to Claim 12.

16. **(Currently Amended)** The method according to Claim 15, ~~which is~~comprising reacting a phosphoramidite unit ~~one~~ with ~~the use of~~ an activating agent comprising an alcohol-type compound, or a mixture of the alcohol-type compound and an acid catalyst.